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imagery analysis report

Front-Level Intercept Exercise at Arsenyev, USSR (S)

Secret

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FRONT-LEVEL INTERCEPT EXERCISE AT ARSENYEV, USSR (S)

- 1. (S/D) On an exercise involving major elements of a front-level radio intercept regiment was underway at Arsenyev Radio Communications (RADCOM) Receiver Station Direction Finding Support The unit is garrisoned at the adjacent Starosysoyevka Army Barracks AL-1 (BE
- 2. (S/D) A total of 104 vehicles/pieces of equipment was operationally deployed in two areas of the RADCOM field (Figure 1). The key intercept vehicles were 13 AR-EL-01 receiver vans, four of which were attached by cable to an unidentified Y-shaped antenna, one was connected to a similar antenna next to the T-shaped control building (Figure 2), and one was with a permanently deployed FULL HOUSE system with two TALL RODS arrays (Figure 3). Although the function of the Y-shaped antenna is unknown, the AR-EL-01 association suggests a direction-finding (DF) role. Other intercept equipment included at least seven unidentified sets (three shown), each containing two chamfered ZIL-157 van trucks and a radio intercept/DF trailer (Figure 4).

 3. (S/D) Numerous communication ve-
- 3. (S/D) Numerous communication vehicles were also observed, including four R-140, three R-409 CATS PAW, and two R-118BM3.
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 4. (S/D) The radio intercept regiment was also equipped with at least nine TURN SERIES radio intercept vans (Figure 3). However, these vans were not observed at the exercise on The TURN SERIES vans were first identified on at Starosysoyevka Army Barracks AL-1 and were previously observed only with some divisional reconnaissance battalions.
- 5. (S) Arsenyev is 55 nautical miles south of the Sino-Soviet Border in the Far East Military District.
- (S) Comments and queries regarding this report are welcome. They may be directed to Warsaw Pact Forces Division, Imagery Exploitation Group, NPIC,

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